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The truss drawing(s) listed below have been prepared by **Atlantic Building Components** under my direct supervision based on the parameters provided by the truss designers.

AST #: 39989 JOB: 23-4639-F01 JOB NAME: LOT 0.0044 HONEYCUTT HILLS Wind Code: N/A Wind Speed: Vult= N/A Exposure Category: N/A Mean Roof Height (feet): N/A These truss designs comply with IRC 2015 as well as IRC 2018. *17 Truss Design(s)*

Trusses:

F101, F102, F103, F104, F109, F110, F111, F112, F113, F115, F117, F118, F119, F123, F124, F126, F127



Warning !--- Verify design parameters and read notes before use.

This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 *National Design Standard for Metal Plate Connected Wood Truss Construction* and BCSI 1-03 Guide to

Job	Truss	Truss Type	Qty	Ply	LOT 0.0044 HONEYCUTT H	HILLS 130 SHELBY MEA	DOW LANE ANGIER, NC
23-4639-F01	F101	GABLE	1	1	Job Reference (optional)	, 7	# 39989
	1		Run: 8.430 s Feb 1 ID:N?HZEIRIF	2 2021 Prin bf51ZKfX	uWmcjzoV?p-EWToO14r	k Industries, Inc. Sat Jul 1 mGI0sX?b60mf5Q7VN	5 14:53:45 2023 Page 1 IIzn8thK5wyjk?5yxod4
Q-3-8							0 ₁ 1 ₇ 8
							Scale = 1:24.6
							1.5x3
	1.5x3						1.5x3
3x6 3x6	3x4 = 1.5x3	1.5x3 1.5x3	3x4 = 1.5	x3	1.5x3 1.5x3	1.5x3	1.5x3 =
1 2 3	4 5 6	7 8 T2	9 10)	11 12	13	1415
			Fi (, 		•	
0-0- W1 ST1	ST2 ST2	ST2 ST2 W2	ST2 S	12	ST2 ST2	ST2	ST2BU1 28
			31 🗐 🗸			-	
	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXX	XXXX	XXXXXXXXXXXX	XXXXXXXXXXX	
27 26	25 24	23 22	21 20	/ / / / /	19 18	17	16
1.5x3 1.5x3	1.5x3 1.5x3			, x3	1.5x3 1.5x3		6x6
1.070 1.070	1.070 [] 1.070		1.070 [] 1.0		1.070 [] 1.070	1.000	

Q <u>-3-</u> 8			15-1-0					
0-3-8			14-9-8					
Plate Offsets (X,Y)	[2:0-3-0,Edge], [9:0-1-8,Edge], [16:Ed	dge,0-1-8], [22:0-1-8,Edg	je], [28:0-1-8,0-0-8]					
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. ir Vert(LL) -0.00 Vert(CT) -0.00 Horz(CT) 0.00) 1) 1	l/defl n/r n/r n/a	L/d 180 80 n/a	PLATES MT20 Weight: 65 lb	GRIP 244/190 FT = 20%F, 11%E
			BRACING- TOP CHORD BOT CHORD	end ve	erticals.	0	directly applied or 6-0 d or 10-0-0 oc bracin	0-0 oc purlins, except g.

REACTIONS. All bearings 15-1-0.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 27, 16, 26, 25, 24, 23, 22, 21, 20, 19, 18, 17

FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown.

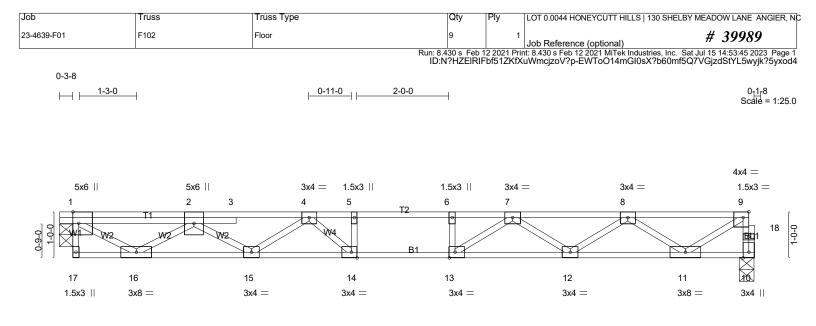
NOTES-(6)

- Gable requires continuous bottom chord bearing.
 Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 3) Gable studs spaced at 1-4-0 oc.
- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- 5) CAUTION, Do not erect truss backwards.

6) Trusses designed with 2018 IRC also comply with 2015 IRC.

LOAD CASE(S) Standard





0-3-8 0-3-8 Plate Offsets (X,Y)	6-5-8 6-2-0 [1:0-3-0,Edge], [9:0-1-8,Edge], [13:0-	7-5- 1-0- 1-8,Edge], [14:0-1-8,Edg	0 1-0-0	15-1 6-7-	
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.48 BC 0.70 WB 0.61 Matrix-SH	DEFL. Vert(LL) -0.1 Vert(CT) -0.2 Horz(CT) 0.0	27 13 >659 360	PLATES GRIP MT20 244/190 Weight: 76 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing o end verticals. Rigid ceiling directly applied	directly applied or 6-0-0 oc purlins, except

REACTIONS. (lb/size) 10=797/0-4-0 (min. 0-1-8), 1=803/0-3-8 (min. 0-1-8)

FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown.

TOP CHORD 10-18=-791/0, 9-18=-789/0, 1-2=-1082/0, 2-3=-2587/0, 3-4=-2580/0, 4-5=-3293/0, 5-6=-3293/0, 6-7=-3293/0, 7-8=-2573/0, 8-9=-1086/0

BOT CHORD 15-16=0/2078, 14-15=0/3020, 13-14=0/3293, 12-13=0/3062, 11-12=0/2040

WEBS 5-14=-325/0, 1-16=0/1273, 2-16=-1188/0, 2-15=0/598, 4-15=-537/0, 4-14=0/635, 9-11=0/1237, 8-11=-1165/0, 8-12=0/651, 7-12=-596/0, 7-13=-36/577

NOTES- (5)

1) Unbalanced floor live loads have been considered for this design.

2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to

be attached to walls at their outer ends or restrained by other means.

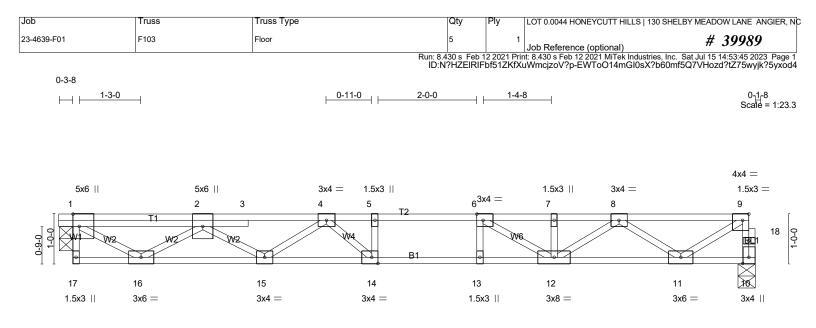
3) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

4) CAUTION, Do not erect truss backwards.

5) Trusses designed with 2018 IRC also comply with 2015 IRC.

LOAD CASE(S) Standard





0-3-8 0-3-8	6-5-8 6-2-0		7-5-8 8-5-8		14-1-0 5-7-8	
Plate Offsets (X, Y)	[1:0-3-0,Edge], [6:0-1-8,Edge], [9:0-1	-8,Eage], [14:0-1-8,Eage	9]		1	
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.41 BC 0.66 WB 0.56 Matrix-SH	DEFL. in Vert(LL) -0.15 Vert(CT) -0.21 Horz(CT) 0.01	14 >999 480 14 >781 360		RIP 4/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SI BOT CHORD 2x4 SI WEBS 2x4 SI			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing end verticals. Rigid ceiling directly applied		oc purlins, except

REACTIONS. (Ib/size) 10=742/0-4-0 (min. 0-1-8), 1=748/0-3-8 (min. 0-1-8)

FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown.

TOP CHORD 10-18=-738/0, 9-18=-736/0, 1-2=-994/0, 2-3=-2353/0, 3-4=-2346/0, 4-5=-2850/0, 5-6=-2850/0, 6-7=-2373/0, 7-8=-2373/0, 8-9=-997/0

BOT CHORD 15-16=0/1912, 14-15=0/2701, 13-14=0/2850, 12-13=0/2850, 11-12=0/1862

WEBS 1-16=0/1169, 2-16=-1095/0, 2-15=0/517, 4-15=-434/0, 4-14=-65/484, 9-11=0/1135, 8-11=-1056/0, 8-12=0/614, 6-12=-758/0

NOTES- (5)

1) Unbalanced floor live loads have been considered for this design.

2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to

be attached to walls at their outer ends or restrained by other means.

3) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

4) CAUTION, Do not erect truss backwards.

5) Trusses designed with 2018 IRC also comply with 2015 IRC.

LOAD CASE(S) Standard



Job	Truss		Truss Type	•			Qty	Ply	LOT 0.0	044 HONEY	CUTT HILLS	130 SHELB	Y MEADOW	LANE ANGIER,	NC
23-4639-F01	F104		GABLE				1		1 Job Re	eference (op	tional)			9989	
						Ru	in: 8.430 s Fe ID:N?HZ	eb 12 2021 EIRIFbf51	Print: 8.430 ZKfXuWm	s Feb 12 202 icjzoV?p-ii1/	1 MiTek Indu AbM5O1c8j	stries, Inc. S 899IaTAKy	at Jul 15 14: L2XxN7Sc	53:46 2023 Page 8YF9cSIXXyxo) 1)d3
														0-1-8	
														Scale = 1:35	j.4
		3x8 FP=	:											1.5x3	
3x4 1.5x3 1	.5x3 1.5x3		1.5x3	3x4 =	1.5x3	1.5x3	1.5x3	1.5x3	3x4 =	1.5x3	1.5x3	1.5x3	1.5x3	1.5x3 =	
1 2	3 4 T1	5	6	7	8	9	10	11 T2	12	13	14	15	16	17	
	ST1 ST1	ST1	ST1 W2	ST1	ST1	ST1	ST1	ST1 W;		ST1	ST1	ST1	ST1	B 1 35	1-0-0
		×××××××					XXXXX								[-
34 33	32 31	30	29	28	27	26	25	24	23	22	21	20	19	18	
3x4 1.5x3 1	.5x3 1.5x3	3 1.5x3	3x4 =	1.5x3	1.5x3	1.5x3	1.5x3	3x4 =	1.5x3	3x4 =	1.5x3	1.5x3	1.5x3	3x4	
										3x8 FP=					

Plate Offsets (X Y)	[1:Edge,0-1-8], [7:0-1-8,Edge], [12:0-	1-8 Edge] [24:0-1-8 Edg	21-6-0 21-6-0 ue] [29:0-1-8 Edge] [34	1 [.] Edge 0-1-8	1		
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES	CSI. TC 0.07 BC 0.01 WB 0.03	DEFL. ir Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	ı (loc) l/da ı - n ı - n		PLATES MT20	GRIP 244/190
		Matrix-SH	BRACING- TOP CHORD BOT CHORD	end vertica	ıls.	Weight: 89 lb directly applied or 6- d or 10-0-0 oc bracin	0-0 oc purlins, except

REACTIONS. All bearings 21-6-0.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 34, 18, 33, 32, 31, 30, 29, 28, 27, 26, 25, 24, 23, 22, 21, 20,

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES- (6)

1) Gable requires continuous bottom chord bearing.

2) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

3) Gable studs spaced at 1-4-0 oc.

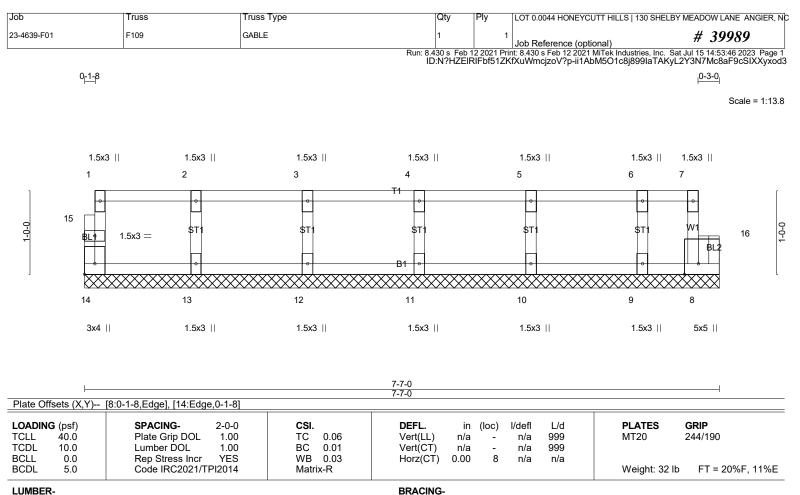
- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to
- be attached to walls at their outer ends or restrained by other means.

5) CAUTION, Do not erect truss backwards.

6) Trusses designed with 2018 IRC also comply with 2015 IRC.

LOAD CASE(S) Standard





LUMBER-

TOP CHORD 2x4 SP No.1(flat) BOT CHORD 2x4 SP No.1(flat) 2x4 SP No.3(flat) WFBS 2x4 SP No.3(flat) OTHERS

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 7-7-0.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 14, 8, 13, 12, 11, 10, 9

FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown.

NOTES-(5)

1) Gable requires continuous bottom chord bearing.

2) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

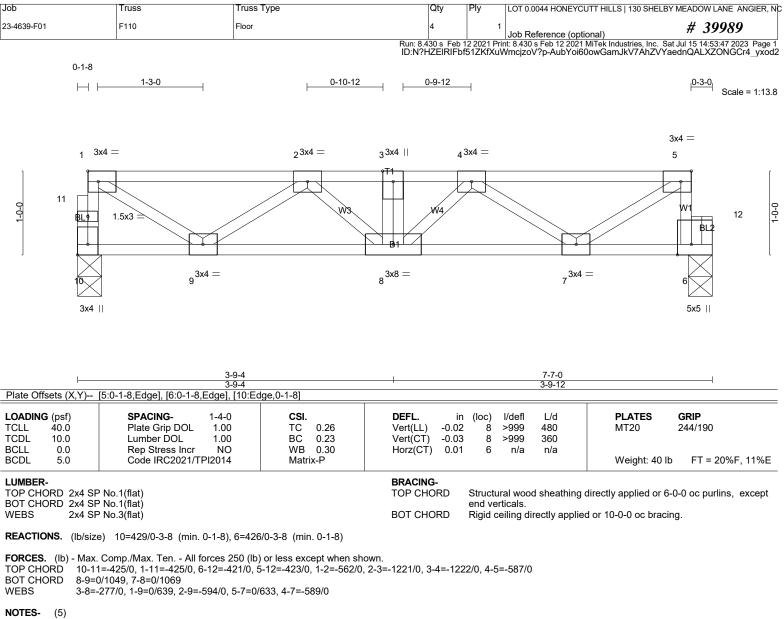
3) Gable studs spaced at 1-4-0 oc.

4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

5) Trusses designed with 2018 IRC also comply with 2015 IRC.

LOAD CASE(S) Standard





1) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

2) CAUTION, Do not erect truss backwards.

3) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 334 lb down at 3-9-4 on top chord.

The design/selection of such connection device(s) is the responsibility of others.

4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

5) Trusses designed with 2018 IRC also comply with 2015 IRC.

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf) Vert: 6-10=-7, 1-5=-67 Concentrated Loads (lb) Vert: 3=-334(F)



Job	Truss	Truss Type	Qty	Ply	LOT 0.0044 HONEYCUTT	HILLS 130 SHELBY ME	ADOW LANE ANGIER, NC
23-4639-F01	F111	GABLE	1	1	Job Reference (optiona	al) :	# 39989
0.1.8			Run: 8.430 s Feb 1 ID:N?HZEIRIF	2 2021 Print	: 8.430 s Feb 12 2021 MiT	ek Industries, Inc. Sat Jul	15 14:53:47 2023 Page 1 nTjLbqONGCr4_yxod2
0 ₁ 1 ₇ 8							
							Scale = 1:26.0
1.5x3 1.5x3 = 1.5x3	1.5x3 1.5x3	1.5x3 1.5x3 3x4	4 = 1.5x3	1.	5x3 1.5x3	1.5x3 1.5	5x3 3x4
1 2	3 4	5 6 <u>7</u>	. 8	9		11 1	
	<u>₽</u> ST1 ST1	ST1 ST1 W2 S			<mark>● ●</mark> IT1 ST1	ST1 S	
	ST1 ST1			S	T1 ST1	ST1 S	T1 W1 6
				XXXXX			
26 25	24 23	22 21 20			8 17	16 1	
3x4 1.5x3	1.5x3 1.5x3	1.5x3 3x4 = 1.5	5x3 1.5x3	1.	5x3 1.5x3	1.5x3 1.5	5x3 3x4
		15-1	0-0				
Plate Offsets (X Y) 17	:0-1-8,Edge], [21:0-1-8,Edg	15-1 1 [26:Edge 0-1-8]	0-0				
			DEFL. in	(1.2.2) 1/	alafi I (al	PLATES GI	RIP
LOADING (psf) TCLL 40.0	Plate Grip DOL 1.0	TC 0.06	Vert(LL) n/a	· · ·	defl L/d n/a 999		4/190
TCDL 10.0 BCLL 0.0	Lumber DOL 1.0 Rep Stress Incr YE		Vert(CT) n/a Horz(CT) 0.00		n/a 999 n/a n/a		
BCDL 5.0	Code IRC2021/TPI201		1012(01) 0.00	14	ina ina	Weight: 65 lb	FT = 20%F, 11%E
I UMBER-			BRACING-				

LUMBER-

TOP CHORD 2x4 SP No.1(flat) BOT CHORD 2x4 SP No.1(flat) 2x4 SP No.3(flat) WFBS 2x4 SP No.3(flat) OTHERS

BRACING-TOP CHORD BOT CHORD

Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals

Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 15-10-0.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 26, 14, 25, 24, 23, 22, 21, 20, 19, 18, 17, 16, 15

FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown.

NOTES-(6)

- Gable requires continuous bottom chord bearing.
 Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 3) Gable studs spaced at 1-4-0 oc.

4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

5) CAUTION, Do not erect truss backwards.

6) Trusses designed with 2018 IRC also comply with 2015 IRC.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty Pl	LOT 0.0044 HONEYC	CUTT HILLS 130 SHELBY MEAD	OW LANE ANGIER, NC
23-4639-F01	F112	Floor	7	1 Job Reference (opt	#	39989
			Run: 8.430 s Feb 12 2 ID:N?HZEIRIFbf512	021 Print: 8.430 s Feb 12 2021	I MiTek Industries, Inc. Sat Jul 15 00owGamJkV7AhZVYadznLO	14:53:47 2023 Page 1 LVRONGCr4 yxod2
0-1-8				, , , , , , , , , , , , , , , , , , ,		_
H ⊢ 1-3-0	F	2-0-0 1-7-4			0-11-0 0-9-12	0 _T 3 _T 0 Scale = 1:37.9
3x4 =			3x8 =			
1.5x3 =	3x4 = 3x4 =	= 3x4 = 1.5x3 3:	x4 = 3x8 FP=	3x4 =	3x4 = 3x4 3x4 =	3x4 =
1	2 3		<u> </u>	9 T2	10 11 12	13
0-0-288		B1 B1			tel we ws	
				<u> </u>		
27 26 3x4 3x4		23 22 1.5x3 3x8 =		9 18 17 x4 = 3x8 FP=	16 15 3x8 = 3x4	14
3x4 3x4	- 3x4 - 1.5x3	1.5x3 3x6 —	3x4 — 3x4 4.	3x4 — 3x8 FP— 3x4 —	3x8 — 3x4	— 5x5 II
	5-4-8	<u>5-4-8 7-4-8 13-1</u> -0-0 1-0-0 5-8-1	12	<u>19-3-4</u> 6-2-0	23-1-0 3-9-12	
		lge], [13:0-1-8,Edge], [14:0-1-8,Ed	dge], [27:Edge,0-1-8]			
LOADING (psf) TCLL 40.0		I-4-0 CSI. 1.00 TC 0.37	DEFL. in (I Vert(LL) -0.08 24		PLATES GR MT20 244	I P /190
TCDL 10.0 BCLL 0.0	Lumber DOL Rep Stress Incr	1.00 BC 0.54 NO WB 0.44	Vert(CT) -0.11 24 Horz(CT) 0.02	-25 >999 360 14 n/a n/a		
BCDL 5.0	Code IRC2021/TPI				Weight: 114 lb F	T = 20%F, 11%E
LUMBER- TOP CHORD 2x4 S	P No 1(flat)		BRACING- TOP CHORD St	ructural wood sheathing	directly applied or 6-0-0 oc	nurlins excent
BOT CHORD 2x4 S			er	d verticals. gid ceiling directly applie	2	parinio, oxeept
		1-8), 14=441/0-3-8 (min. 0-1-8), 2		gid centry directly applie	ed of 0-0-0 oc bracing.	
	Grav 27=407(LC 3), 14=494		20-1170/0-4-8 (11111. 0-1-8)			
		ces 250 (lb) or less except when s				
3-4	=-1273/0, 4-5=-814/125, 5-6	29=-489/0, 13-29=-490/0, 1-2=-53 =-814/125, 6-7=0/651, 7-8=0/651				
), 11-12=-1505/0, 12-13=-697/0 }-24=0/1273, 22-23=0/1273, 21-22	2=-296/401, 20-21=-1284/0,			
		5, 17-18=-386/645, 16-17=0/1384, 6=-568/0, 8-21=0/855, 6-21=-783/				
	2=-658/0, 13-15=0/754, 12- 7=0/565, 10-17=-533/0, 11-	5=-705/0, 12-16=-4/315, 8-19=0/ 6=-305/0	925, 9-19=-861/0,			
NOTES- (6)	,					
1) Unbalanced floor	live loads have been consid	lered for this design. ed at 10-0-0 oc and fastened to e	each truss with 3-10d (0 131	" X 3") nails Stronghad	ks to	
be attached to wa	alls at their outer ends or res			X 9 / Halls. Otrollybach		
4) Hanger(s) or othe		be provided sufficient to support		down at 19-3-4 on top c	chord.	
		ce(s) is the responsibility of others to the face of the truss are noted a				
6) Trusses designed	I with 2018 IRC also comply	with 2015 IRC.			MUNICIPAL	
LOAD CASE(S) Sta 1) Dead + Floor Live		se=1.00, Plate Increase=1.00			UNINGRTH CARO	1111
Uniform Loads (p		,			ROFESSION	Plin
Concentrated Loa	ads (lb)				SEAL	
Vert: 11=	-JJ4(F)				28147	
					1000	unn
					SEAL 28147	Inne
					Managementing	
					= (1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	

7/13/2023

Job	Truss	Truss Type	Qty	Ply LOT 0.0044 HON	IEYCUTT HILLS 130 SHELBY	MEADOW LANE ANGIER, NC
23-4639-F01	F113	Floor	2	1 Job Reference	(optional)	# 39989
	·	·	Run: 8.430 s Feb ID:N?HZE	12 2021 Print: 8.430 s Feb 12	2021 MiTek Industries, Inc. Sat 5-6HjJDO7GKXXI?dutFbj1a	Jul 15 14:53:49 2023 Page 1 zgyJa09pHzhrahy8syxod0
0-1-8 ∦├ <u>1-3-0</u>		2-0-0 1-7-4		1-1-8 1-5-12		0-3-0
	F				-	0 <u>-3</u> -0 Scale = 1:37.8
$3x4 =$ $1.5x3 =$ 1 27_{B} 27_{B} 26 25 $3x4 \parallel 3x4 =$	3x4 = 3x4 = 2 2 3 2 3 2 3 2 3 3 3x4 = 1.5x3	22 21	4x12 = 4x12 = 56 7 20 19 3x8 FP= 3x4 4x4 =		15	3x12 = 12 3x12 = 12 3x10 = $28 \begin{bmatrix} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$
	5-4-8 [3:0-1-8,Edge], [4:0-1-8,Ec		12	15-8-12 2-7-8	23-1-0 7-4-4	
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0		-4-0 CSI. 1.00 TC 0.44 1.00 BC 0.58 NO WB 0.95 2014 Matrix-SH	Vert(LL) -0.08	(loc) l/defl L/d 23-24 >999 480 23-24 >999 360 13 n/a n/a	PLATES MT20 Weight: 116 II	GRIP 244/190 p FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF			BRACING- TOP CHORD BOT CHORD	end verticals.	ning directly applied or 6-0 oplied or 6-0-0 oc bracing	
	e) 26=355/0-4-0 (min. 0- Grav26=400(LC 3), 13=135	1-8), 13=1297/0-3-8 (min. 0-1-8), 1(LC 4), 18=1792(LC 1)	18=1792/0-4-8 (min. 0-7	1-8)		
TOP CHORD 26-2 3-4= 9-10: BOT CHORD 24-2: 19-2: 14-1! WEBS 7-18: 4-21:	7=-395/0, 1-27=-394/0, 13- -1223/71, 4-5=-738/395, 5- -2023/3, 10-11=-1708/0, ' 5=0/976, 23-24=-71/1223, D=-601/315, 18-19=-1647/(5=0/1444 =-1751/0, 1-25=0/592, 2-25	ces 250 (lb) or less except when s 28=-1345/0, 12-28=-1350/0, 1-2= 6=-738/395, 6-7=0/988, 7-8=-545 1-12=-884/0 22-23=-71/1223, 21-22=-71/1223 0, 17-18=-1647/0, 16-17=-3/2023, 5=-556/0, 7-19=0/887, 6-19=-820/ '=-1885/0, 10-15=-286/51, 11-15=	-521/0, 2-3=-1132/0, /488, 8-9=-545/488, , 20-21=-601/315, 15-16=0/1943, 0, 6-21=0/588,			
 2) Recommend 2x6 s be attached to wall 3) CAUTION, Do not 4) Hanger(s) or other down at 22-7-0 on 5) In the LOAD CASE 6) Trusses designed LOAD CASE(S) Stan 	is at their outer ends or res erect truss backwards. connection device(s) shall top chord. The design/se E(S) section, loads applied with 2018 IRC also comply dard	ed at 10-0-0 oc and fastened to o trained by other means. be provided sufficient to support ection of such connection device to the face of the truss are noted with 2015 IRC.	concentrated load(s) 934 (s) is the responsibility of	lb down at 15-8-12, an	d 867 lb	Unining Of Nation
Uniform Loads (plf Vert: 13-26 Concentrated Load) 5=-7, 1-12=-67	se=1.00, Plate Increase=1.00			SEAL 28147	A A A A A A A A A A A A A A A A A A A
					7/13/2	2023

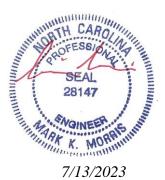
Job	Truss	Truss	Туре		Qty Ply	LOT 0.0	0044 HONEYCUT	T HILLS 130 SHEL	BY MEADOW LAN	NE ANGIER, NC
23-4639-F01	F115	Floor		9	9	1	eference (optior	al)	# 399	89
						Print: 8.430	s Feb 12 2021 Mi	Tek Industries, Inc. 3 v5rf8dmT4pJEG7l		
0-3-8										
⊣⊢ <u>1-3-0</u>	<u>⊢</u> 1-	0-8 2-0-0	1-7-4			0-10-8 -	1-5-12		S	0 ₇ 3 ₇ 0 Scale = 1:38.0
						3x6 =	-			
4x6	3x6	3x4 =	3x4 = 1.5x3 3>	<4 =	4x12 = 3x	B FP=	3x4 =	3x4 =	3x1	2 =
1	2 3	4	5 6 7	_		9 10	11	T3 12		13
0-0-1 W	W2 W2 V	v3 B1	W5			Wa	W9 B2			
	f1®1_					<u>~~ </u>				Ŕ.
27 26 1.5x3 3x4		24 = 1.5x3	23 22 1.5x3 3x8 =	21 20 3x8 FP=		3 17 $38 = 3x6$	=	16 3x4 =	15 3x4 = 3	14 x10 =
				3x6 =						
0 _г 3 _т 8	5-4-0	_ 6-4-0 _ 7-4-	0 , 13-0-	10	15-8-	1		23-0-8		
0-3-8	5-0-8	1-0-0 1-0-	5-8-1 -8,Edge], [8:0-3-12,Edge	2	2-7-8			7-4-4		
LOADING (psf)	SPACING-	1-4-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP	
TCLL 40.0 TCDL 10.0	Plate Grip DC Lumber DOL		TC 0.42 BC 0.53	Vert(LL) Vert(CT)	-0.06 24-25	>999	480 360	MT20	244/190	
BCLL 0.0 BCDL 5.0	Rep Stress In Code IRC202	icr NO	WB 0.48 Matrix-SH	Horz(CT)			n/a	Weight: 124	1 lb FT = 20	%F, 11%E
LUMBER-				BRACING	<u>.</u>					
TOP CHORD 2x4 SP BOT CHORD 2x4 SP				TOP CHO	ORD Struc	tural woo erticals.	d sheathing di	rectly applied or	6-0-0 oc purlin	is, except
	No.3(flat)			BOT CHO			rectly applied	or 6-0-0 oc braci	ng.	
	e) 14=1279/0-3-8 (rav 14=1336(LC 4),		51/0-3-8 (min. 0-1-8), 19	9=1800/0-4-8 (n	nin. 0-1-8)					
			or less except when sh							
TOP CHORD 14-28	=-1329/0, 13-28=-1	334/0, 1-2=-507/0), 2-3=-1116/0, 3-4=-11 ⁻ -9=-621/486, 9-10=-621	11/0, 4-5=-1174/						
11-12	=-1636/0, 12-13=-8	55/0								
20-21	=-582/333, 19-20=-		1174, 22-23=-71/1174, 5 595/0, 17-18=-67/1897,		,					
WEBS 8-19=			-20=0/980, 7-20=-819/0		0.007					
	=-259/163, 11-17=-		, 13-15=0/770, 12-15=-6	550/0, 12-16=-13	52/297,					
NOTES- (8)										
			s design. ner must review loads t	o verify that they	are correct fo	or the inter	nded use of th	is		
			0 oc and fastened to ea	ach truss with 3-	10d (0.131" X	3") nails.	Strongbacks	to		
4) Gap between inside		ng and first diagor	other means. al or vertical web shall	not exceed 0.50	0in.					
	connection device(s) shall be provide	d sufficient to support c				8-4, and 867 II		Eliller.	
down at 22-6-8, an others.	d 934 lb down at 13	3-4-12 on top cho	rd. The design/selectio	n of such conne	ction device(s) is the re	sponsibility of	WHINGRTH CA	ROLINI	
7) In the LOAD CASE8) Trusses designed v			of the truss are noted a IRC.	s front (F) or bac	ck (B).		1	POFES	PNR 9	
LOAD CASE(S) Stand	lard Except:						in the	SEA	L	
1) Dead + Floor Live (Uniform Loads (plf)		Increase=1.00, P	ate Increase=1.00				IDIN	2814	7	
	=-7, 1-13=-67							A SNOIN	ER. C.	
	34(F) 13=-867(F)	Plate Increase=1	.00					PROFESSION SEA	NORPHININ	
								7/13	/2023	
								//IJ	12025	

Job	Truss	Truss Type	Qty	Ply	LOT 0.0044 HONEYCUTT HILLS 130 SHELBY MEADOW LANE ANGIER, NC
23-4639-F01	F115	Floor	9	1	Job Reference (optional) # 39989

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MITER Industries, Inc. Sat Jul 15 14:53:50 2023 Page 2 ID:N?HZEIRIFbf51ZKfXuWmcjzoV?p-bTHhRk8v5rf8dmT4pJEG7BC7N_MEYrZq4EQVglyxod?

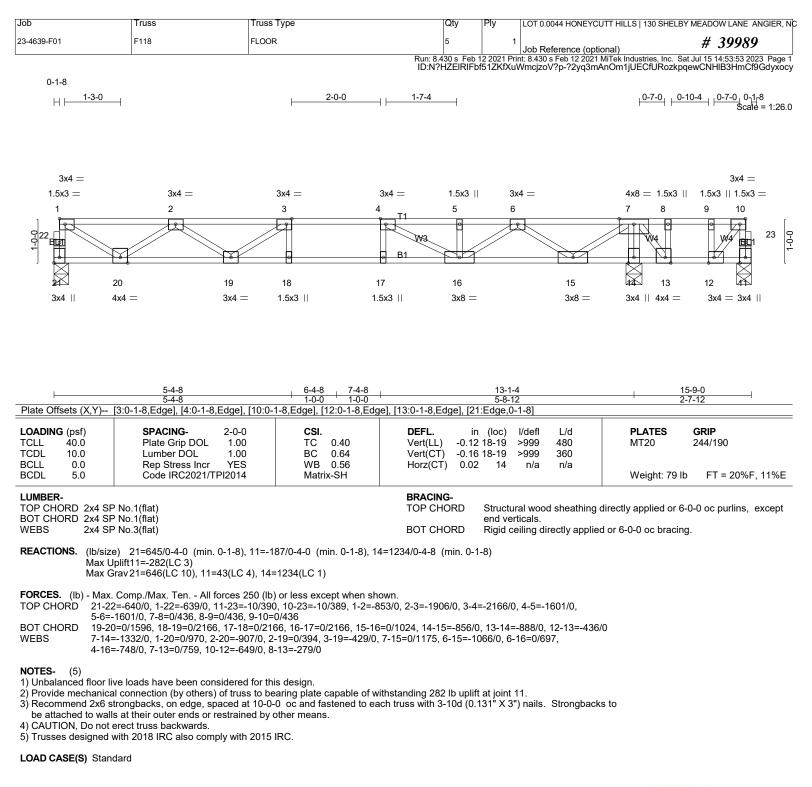
LOAD CASE(S)

Uniform Loads (plf) Vert: 14-27=-7(F), 1-13=-67(F) Concentrated Loads (lb) Vert: 8=-934(F) 13=-867(F)

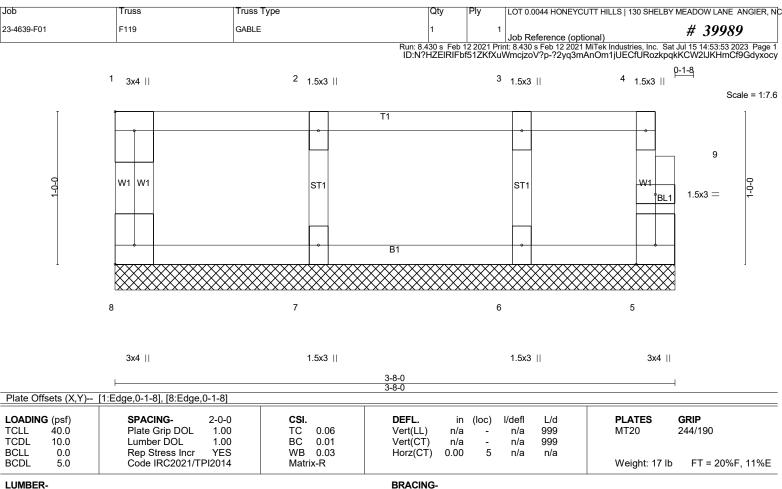


Job	Truss	Truss Type	Qty	Ply	LOT 0.0044 HONEYCUTT	HILLS 130 SHELBY I	MEADOW LANE ANGIER, NC
23-4639-F01	F117	Floor	1	1	Job Poforonco (ontiono	J)	# 39989
			Run: 8.430 s Feb 1 ID:N?HZEIRI	l 2021 Prin Fbf51ZKfX	Job Reference (optiona t: 8.430 s Feb 12 2021 MiT uWmcizoV?p-XsORsQ	ek Industries, Inc. Sat	Jul 15 14:53:52 2023 Page 1 cIVOo4t0nt7XYvckByxocz
0-3-8							
⊢ ⊢ 1-3-0		1-0-8 2-0-0	1-7-4			0-7-0	<u>0-4</u> <u>0-7-0</u> 0 ₁ 1-8 Scale = 1:26.1
							3x4 =
4x6 3x 1	4 = 3x4 = 3x4 = 2	3x4 = 3x4 4 5	·= 1.5x3 6	3x4 7	i =	3x8 = 1.5x3 8 9	1.5x3 1.5x3 = 10 11
0-			TW6				
9]			B1 D.T				
22	21 20		17		16	455 14	13
1.5x3	3x4 = 3x	4 = 1.5x3 1.5x3	3x8 =		3x4 =	3x4 ∥ 3x4 =	3x4 = 3x4
0-3-8	5-4-0	6-4-0 7-4-0		13-0-12		15	8-8
				13-0-12		10-	0-0
0-3-8 0-3-8 Plate Offsets (X,Y) [5-0-8	1-0-0 1-0-0], [5:0-1-8,Edge], [11:0-1-8,Edge], [1	13:0-1-8,Edge], [14:0	5-8-12			-12
	5-0-8	1-0-0 1-0-0], [5:0-1-8,Edge], [11:0-1-8,Edge], [1	13:0-1-8,Edge], [14:0	5-8-12)-1-8,Edge		2-7	
Plate Offsets (X,Y) [LOADING (psf) TCLL 40.0	5-0-8 1:0-3-0,Edge], [4:0-1-8,Edge SPACING- 1-4 Plate Grip DOL 1.0	1-0-0 + 1-0-0 +], [5:0-1-8,Edge], [11:0-1-8,Edge], [1 0 CSI. 0 TC 0.26	DEFL. in Vert(LL) -0.07	5-8-12)-1-8,Edge (loc) l, 19 >	e] /defl L/d ·999 480	2-7 PLATES	-12
Plate Offsets (X,Y) [LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0	5-0-8 1:0-3-0,Edge], [4:0-1-8,Edge SPACING- 1-4- Plate Grip DOL 1.0. Lumber DOL 1.0. Rep Stress Incr YE	1-0-0 1-0-0 [, [5:0-1-8,Edge], [11:0-1-8,Edge], [1 0 CSI. 0 TC 0.26 0 BC 0.39 S WB 0.36	DEFL. in	5-8-12)-1-8,Edge (loc) l, 19 >	e] /defl L/d	2-7 PLATES MT20	GRIP 244/190
Plate Offsets (X,Y) LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	5-0-8 <u>1:0-3-0,Edge], [4:0-1-8,Edge</u> SPACING- 1-4- Plate Grip DOL 1.0 Lumber DOL 1.0	1-0-0 1-0-0 [, [5:0-1-8,Edge], [11:0-1-8,Edge], [1 0 CSI. 0 TC 0.26 0 BC 0.39 S WB 0.36	DEFL. in Vert(LL) -0.07 Vert(CT) -0.09 Horz(CT) -0.01	5-8-12)-1-8,Edge (loc) l, 19 > 19 >	e] /defl L/d ·999 480 ·999 360	2-7 PLATES	GRIP
Plate Offsets (X,Y) [LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0 LUMBER- TOP CHORD 2x4 SP	5-0-8 <u>1:0-3-0,Edge], [4:0-1-8,Edge</u> SPACING- 1-4- Plate Grip DOL 1.0 Lumber DOL 1.0 Rep Stress Incr YE Code IRC2021/TPI201 No.1(flat)	1-0-0 1-0-0 [, [5:0-1-8,Edge], [11:0-1-8,Edge], [1 0 CSI. 0 TC 0.26 0 BC 0.39 S WB 0.36	DEFL. in Vert(LL) -0.07 Vert(CT) -0.09	5-8-12)-1-8,Edga (loc) , 19 > 19 > 12 Structura	e] /defl L/d 999 480 999 360 n/a n/a Il wood sheathing dire	PLATES MT20 Weight: 81 lb	GRIP 244/190
Plate Offsets (X,Y) [LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0 LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP	5-0-8 <u>1:0-3-0,Edge], [4:0-1-8,Edge</u> SPACING- 1-4- Plate Grip DOL 1.0 Lumber DOL 1.0 Rep Stress Incr YE Code IRC2021/TPI201 No.1(flat)	1-0-0 1-0-0 [, [5:0-1-8,Edge], [11:0-1-8,Edge], [1 0 CSI. 0 TC 0.26 0 BC 0.39 S WB 0.36	DEFL. in Vert(LL) -0.07 Vert(CT) -0.09 Horz(CT) -0.01 BRACING-	5-8-12)-1-8,Edge (loc) l. 19 > 19 > 12 Structura end verti	e] /defl L/d 999 480 999 360 n/a n/a Il wood sheathing dire	PLATES MT20 Weight: 81 lb	GRIP 244/190 FT = 20%F, 11%E 0-0 oc purlins, except
Plate Offsets (X,Y) LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0 LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP	5-0-8 1:0-3-0,Edge], [4:0-1-8,Edge SPACING- 1-4. Plate Grip DOL 1.0 Lumber DOL 1.0 Rep Stress Incr YE Code IRC2021/TPI201 No.1(flat) No.1(flat) No.3(flat)	1-0-0 1-0-0 [, [5:0-1-8,Edge], [11:0-1-8,Edge], [1 0 CSI. 0 TC 0.26 0 BC 0.39 S WB 0.36	DEFL. in Vert(LL) -0.07 Vert(CT) -0.09 Horz(CT) -0.01 BRACING- TOP CHORD BOT CHORD	5-8-12)-1-8,Edga (loc) , 19 > 12 Structura end verti Rigid cei	e] /defl L/d .999 480 .999 360 n/a n/a Il wood sheathing dire cals.	PLATES MT20 Weight: 81 lb	GRIP 244/190 FT = 20%F, 11%E 0-0 oc purlins, except
Plate Offsets (X,Y) I LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0 LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP REACTIONS. (lb/size Max Up	5-0-8 1:0-3-0,Edge], [4:0-1-8,Edge SPACING- 1-4. Plate Grip DOL 1.0 Lumber DOL 1.0 Rep Stress Incr YE Code IRC2021/TPI201 No.1(flat) No.1(flat) No.3(flat)	1-0-0 1-0-0 1, [5:0-1-8,Edge], [11:0-1-8,Edge], [1 0 CSI. 0 TC 0.26 0 BC 0.39 S WB 0.36 4 Matrix-SH 3), 1=425/0-3-8 (min. 0-1-8), 15=80	DEFL. in Vert(LL) -0.07 Vert(CT) -0.09 Horz(CT) -0.01 BRACING- TOP CHORD BOT CHORD	5-8-12)-1-8,Edga (loc) , 19 > 12 Structura end verti Rigid cei	e] /defl L/d .999 480 .999 360 n/a n/a Il wood sheathing dire cals.	PLATES MT20 Weight: 81 lb	GRIP 244/190 FT = 20%F, 11%E 0-0 oc purlins, except
Plate Offsets (X,Y) [LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0 LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP REACTIONS. (Ib/size Max Up Max Gr	5-0-8 1:0-3-0,Edge], [4:0-1-8,Edge SPACING- 1-4- Plate Grip DOL 1.C Lumber DOL 1.C Rep Stress Incr YE Code IRC2021/TPI201 No.1(flat) No.1(flat) No.3(flat)) 12=-119/0-4-0 (min. 0-1-i- lift12=-182(LC 3) av 12=30(LC 4), 1=425(LC 1)	1-0-0 1-0-0 1. [5:0-1-8,Edge], [11:0-1-8,Edge], [1 0 CSI. 0 TC 0.26 0 BC 0.39 S WB 0.36 4 Matrix-SH 3), 1=425/0-3-8 (min. 0-1-8), 15=80 0), 15=807(LC 1)	DEFL. in Vert(LL) -0.07 Vert(CT) -0.09 Horz(CT) -0.01 BRACING- TOP CHORD BOT CHORD 17/0-4-8 (min. 0-1-8)	5-8-12)-1-8,Edga (loc) , 19 > 12 Structura end verti Rigid cei	e] /defl L/d .999 480 .999 360 n/a n/a Il wood sheathing dire cals.	PLATES MT20 Weight: 81 lb	GRIP 244/190 FT = 20%F, 11%E 0-0 oc purlins, except
Plate Offsets (X,Y) I LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0 LUMBER- TOP CHORD 2x4 SP WEBS 2x4 SP REACTIONS. (lb/size Max Up Max Gr FORCES. (lb) - Max. 1 TOP CHORD 12-233	5-0-8 <u>1:0-3-0,Edge], [4:0-1-8,Edge</u> SPACING- 1-4 Plate Grip DOL 1.0 Lumber DOL 1.0 Rep Stress Incr YE Code IRC2021/TPI201 No.1(flat) No.1(flat) No.3(flat)) 12=-119/0-4-0 (min. 0-1-4) lift12=-182(LC 3) av 12=30(LC 4), 1=425(LC 1) Comp./Max. Ten All forces =-9/252, 11-23=-9/252, 1-2=	1-0-0 1-0-0 1. [5:0-1-8,Edge], [11:0-1-8,Edge], [1 0 CSI. 0 TC 0.26 0 BC 0.39 S WB 0.36 4 Matrix-SH 3), 1=425/0-3-8 (min. 0-1-8), 15=80 0), 15=807(LC 1) 250 (lb) or less except when showr -542/0, 2-3=-540/0, 3-4=-1217/0, 4-5	DEFL. in Vert(LL) -0.07 Vert(CT) -0.09 Horz(CT) -0.01 BRACING- TOP CHORD BOT CHORD BOT CHORD 17/0-4-8 (min. 0-1-8)	5-8-12)-1-8,Edgr (loc) I 19 > 19 > 12 Structura end verti Rigid cei	e] /defl L/d ·999 480 ·999 360 n/a n/a Il wood sheathing direcals. ling directly applied o	PLATES MT20 Weight: 81 lb	GRIP 244/190 FT = 20%F, 11%E 0-0 oc purlins, except
Plate Offsets (X,Y) [LOADING (psf) TCLL 40.0 TCDL 10.0 BCDL 5.0 LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP REACTIONS. (lb/size Max Up Max Gr FORCES. (lb) - Max. TOP CHORD 12-23 8-9=0 BOT CHORD 20-21	5-0-8 1:0-3-0,Edge], [4:0-1-8,Edge SPACING- 1-4- Plate Grip DOL 1.C. Lumber DOL 1.C. Rep Stress Incr YE Code IRC2021/TPI201 No.1(flat) No.1(flat) No.3(flat)) 12=-119/0-4-0 (min. 0-1-i Jifft12=-182(LC 3) av 12=30(LC 4), 1=425(LC 1 Comp./Max. Ten All forces =-9/252, 11-23=-9/252, 1-2=- 283, 9-10=0/283, 10-11=0/2 =0/997, 19-20=0/1382, 18-15	1-0-0 1-0-0 1, [5:0-1-8,Edge], [11:0-1-8,Edge], [1 0 CSI. 0 TC 0.26 0 BC 0.39 S WB 0.36 4 Matrix-SH 3), 1=425/0-3-8 (min. 0-1-8), 15=80 0), 15=807(LC 1) 250 (lb) or less except when showr -542/0, 2-3=-540/0, 3-4=-1217/0, 4-5 83 9=0/1382, 17-18=0/1382, 16-17=0/6	DEFL. in Vert(LL) -0.07 Vert(CT) -0.09 Horz(CT) -0.01 BRACING- TOP CHORD BOT CHORD b7/0-4-8 (min. 0-1-8) n. 5=-1382/0, 5-6=-104 i69, 15-16=-557/0, 1-	5-8-12)-1-8,Edgr (loc) , 19 > 19 > 12 Structura end verti Rigid cei 1/0, 6-7=-	e] /defl L/d 999 480 999 360 n/a n/a Il wood sheathing direcals. ling directly applied o	PLATES MT20 Weight: 81 lb	GRIP 244/190 FT = 20%F, 11%E 0-0 oc purlins, except
Plate Offsets (X,Y) [LOADING (psf) TCLL 40.0 TCDL 10.0 BCDL 5.0 LUMBER- TOP CHORD 2x4 SP WEBS 2x4 SP WEBS 2x4 SP REACTIONS. (lb/size Max Up Max Gr FORCES. (lb) - Max. TOP CHORD 12-23 8-9=0, BOT CHORD 20-21 WEBS 8-15=	5-0-8 1:0-3-0,Edge], [4:0-1-8,Edge SPACING- 1-4- Plate Grip DOL 1.C. Lumber DOL 1.C. Rep Stress Incr YE Code IRC2021/TPI201 No.1(flat) No.1(flat) No.3(flat)) 12=-119/0-4-0 (min. 0-1-i Jifft12=-182(LC 3) av 12=30(LC 4), 1=425(LC 1 Comp./Max. Ten All forces =-9/252, 11-23=-9/252, 1-2=- 283, 9-10=0/283, 10-11=0/2 =0/997, 19-20=0/1382, 18-15	1-0-0 1-0-0 1, [5:0-1-8,Edge], [11:0-1-8,Edge], [1 0 CSI. 0 TC 0.26 0 BC 0.39 S WB 0.36 4 Matrix-SH 3), 1=425/0-3-8 (min. 0-1-8), 15=80 0), 15=807(LC 1) 250 (lb) or less except when showr -542/0, 2-3=-540/0, 3-4=-1217/0, 4-5	DEFL. in Vert(LL) -0.07 Vert(CT) -0.09 Horz(CT) -0.01 BRACING- TOP CHORD BOT CHORD b7/0-4-8 (min. 0-1-8) n. 5=-1382/0, 5-6=-104 i69, 15-16=-557/0, 1-	5-8-12)-1-8,Edgr (loc) , 19 > 19 > 12 Structura end verti Rigid cei 1/0, 6-7=-	e] /defl L/d 999 480 999 360 n/a n/a Il wood sheathing direcals. ling directly applied o	PLATES MT20 Weight: 81 lb	GRIP 244/190 FT = 20%F, 11%E 0-0 oc purlins, except
Plate Offsets (X,Y) LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0 LUMBER- TOP CHORD TOP CHORD 2x4 SP WEBS 2x4 SP REACTIONS. (lb/size Max Up Max Gr FORCES. (lb) - Max. TOP CHORD 12-23: 8-9=0 BOT CHORD BOT CHORD 20-21: WEBS 8-15=: 8-14=: NOTES-	5-0-8 1:0-3-0,Edge], [4:0-1-8,Edge SPACING- 1-4- Plate Grip DOL 1.C Rep Stress Incr YE Code IRC2021/TPI201 No.1(flat) No.3(flat)) 12=-119/0-4-0 (min. 0-1-4- blift12=-182(LC 3) av 12=30(LC 4), 1=425(LC 1) Comp./Max. Ten All forces =-9/252, 11-23=-9/252, 1-2=- /283, 9-10=0/283, 10-11=0/2 =0/997, 19-20=0/1382, 18-15 =869/0, 1-21=0/635, 3-21=-5: 0/496, 11-13=-421/0	1-0-0 1-0-0 1. [5:0-1-8,Edge], [11:0-1-8,Edge], [1 0 CSI. 0 TC 0.26 0 BC 0.39 S WB 0.36 4 Matrix-SH 3), 1=425/0-3-8 (min. 0-1-8), 15=80 0), 15=807(LC 1) 250 (lb) or less except when showr -542/0, 2-3=-540/0, 3-4=-1217/0, 4-5 83 >=0/1382, 17-18=0/1382, 16-17=0/6 59/0, 3-20=0/276, 4-20=-281/0, 8-16	DEFL. in Vert(LL) -0.07 Vert(CT) -0.09 Horz(CT) -0.01 BRACING- TOP CHORD BOT CHORD b7/0-4-8 (min. 0-1-8) n. 5=-1382/0, 5-6=-104 i69, 15-16=-557/0, 1-	5-8-12)-1-8,Edgr (loc) , 19 > 19 > 12 Structura end verti Rigid cei 1/0, 6-7=-	e] /defl L/d 999 480 999 360 n/a n/a Il wood sheathing direcals. ling directly applied o	PLATES MT20 Weight: 81 lb	GRIP 244/190 FT = 20%F, 11%E 0-0 oc purlins, except
Plate Offsets (X,Y) [LOADING (psf) TCLL 40.0 TCDL 10.0 BCDL 5.0 LUMBER- TOP CHORD 2x4 SP WEBS 2x4 SP WEBS 2x4 SP REACTIONS. (lb/size Max Up Max Gr FORCES. (lb) - Max. 1 TOP CHORD 12-23 8-9=0, BOT CHORD 20-21 WEBS 8-15= 8-14=1 NOTES- (6) 1) Unbalanced floor liv 2) Provide mechanical	5-0-8 1:0-3-0,Edge], [4:0-1-8,Edge SPACING- 1-4. Plate Grip DOL 1.0. Lumber DOL 1.0. Rep Stress Incr YE Code IRC2021/TPI201 No.1(flat) No.3(flat)) 12=-119/0-4-0 (min. 0-1-i Jift12=-182(LC 3) av 12=30(LC 4), 1=425(LC 1 Comp./Max. Ten All forces =-9/252, 11-23=-9/252, 1-2=- (283, 9-10=0/283, 10-11=0/2 =0/997, 19-20=0/1382, 18-19 869/0, 1-21=0/635, 3-21=-5: D/496, 11-13=-421/0 e loads have been considerer connection (by others) of tru	1-0-0 1-0-0 1. [5:0-1-8,Edge], [11:0-1-8,Edge], [1 0 CSI. 0 TC 0.26 0 BC 0.39 S WB 0.36 4 Matrix-SH 3), 1=425/0-3-8 (min. 0-1-8), 15=80 0), 15=807(LC 1) 250 (lb) or less except when showr -542/0, 2-3=-540/0, 3-4=-1217/0, 4-5 83 =0/1382, 17-18=0/1382, 16-17=0/6 59/0, 3-20=0/276, 4-20=-281/0, 8-16 ed for this design. rss to bearing plate capable of withs	DEFL. in Vert(LL) -0.07 Vert(CT) -0.09 Horz(CT) -0.01 BRACING- TOP CHORD BOT CHORD 97/0-4-8 (min. 0-1-8) 151382/0, 5-6=-104 669, 15-16=-557/0, 1- 6=0/763, 7-16=-694/0	5-8-12)-1-8,Edgr (loc) , 19 > 19 > 12 Structura end vertii Rigid cei 1/0, 6-7=- 4-15=-577 0, 7-17=0, at joint 12	e] /defl L/d ·999 480 ·999 360 n/a n/a Il wood sheathing direcals. ling directly applied of ·1041/0, //0, 13-14=-283/0 /450, 5-17=-462/0, 2.	PLATES MT20 Weight: 81 lb ectly applied or 6-0 r 6-0-0 oc bracing.	GRIP 244/190 FT = 20%F, 11%E 0-0 oc purlins, except
Plate Offsets (X,Y) I LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0 LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP REACTIONS. (lb/size Max Up Max Gr FORCES. (lb) - Max. 1 TOP CHORD 12-23 8-9=0, BOT CHORD 20-21: WEBS 8-15= 8-14=1 NOTES- (6) 1) Unbalanced floor liv 2) Provide mechanical 3) Recommend 2x6 st be attached to walls	5-0-8 1:0-3-0,Edge], [4:0-1-8,Edge SPACING- 1-4- Plate Grip DOL 1.0 Rep Stress Incr YE Code IRC2021/TPI201 No.1(flat) No.3(flat)) 12=-119/0-4-0 (min. 0-1-4- bift12=-182(LC 3) av 12=30(LC 4), 1=425(LC 1 Comp./Max. Ten All forces =-9/252, 11-23=-9/252, 1-2=- (283, 9-10=0/283, 10-11=0/2 =0/997, 19-20=0/1382, 18-15 -869/0, 1-21=0/635, 3-21=-5: D/496, 11-13=-421/0 e loads have been considerer connection (by others) of tru rongbacks, on edge, spaced at their outer ends or restrai	1-0-0 1-0-0 1. [5:0-1-8,Edge], [11:0-1-8,Edge], [1 0 CSI. 0 TC 0.26 0 BC 0.39 S WB 0.36 4 Matrix-SH 3), 1=425/0-3-8 (min. 0-1-8), 15=80 0), 15=807(LC 1) 250 (lb) or less except when showr -542/0, 2-3=-540/0, 3-4=-1217/0, 4-5 83)=0/1382, 17-18=0/1382, 16-17=0/6 59/0, 3-20=0/276, 4-20=-281/0, 8-16 ed for this design. iss to bearing plate capable of withs at 10-0-0 oc and fastened to each in ned by other means.	DEFL. in Vert(LL) -0.07 Vert(CT) -0.09 Horz(CT) -0.01 BRACING- TOP CHORD BOT CHORD 07/0-4-8 (min. 0-1-8) 05=-1382/0, 5-6=-104 069, 15-16=-557/0, 1. 5=0/763, 7-16=-694/0 054000000000000000000000000000000000	5-8-12)-1-8,Edgr (loc) , 19 > 19 > 12 Structura end vertii Rigid cei 1/0, 6-7=- 4-15=-577 0, 7-17=0, at joint 12	e] /defl L/d ·999 480 ·999 360 n/a n/a Il wood sheathing direcals. ling directly applied of ·1041/0, //0, 13-14=-283/0 /450, 5-17=-462/0, 2.	PLATES MT20 Weight: 81 lb ectly applied or 6-0 r 6-0-0 oc bracing.	GRIP 244/190 FT = 20%F, 11%E 0-0 oc purlins, except
Plate Offsets (X,Y) I LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0 LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP REACTIONS. (lb/size Max Up Max Gr FORCES. (lb) - Max. 1 TOP CHORD 12-23 8-9=0, BOT CHORD 20-21: WEBS 8-15= 8-14=1 NOTES- (6) 1) Unbalanced floor liv 2) Provide mechanical 3) Recommend 2x6 st be attached to walls	5-0-8 1:0-3-0,Edge], [4:0-1-8,Edge SPACING- 1-4- Plate Grip DOL 1.C Rep Stress Incr YE Code IRC2021/TPI201 No.1(flat) No.1(flat) No.3(flat)) 12=-119/0-4-0 (min. 0-1-4- blift12=-182(LC 3) av 12=30(LC 4), 1=425(LC 1 Comp./Max. Ten All forces =-9/252, 11-23=-9/252, 1-2=- /283, 9-10=0/283, 10-11=0/2 =0/997, 19-20=0/1382, 18-15 869/0, 1-21=0/635, 3-21=-5: D/496, 11-13=-421/0 e loads have been considered connection (by others) of tru- rongbacks, on edge, spaced at their outer ends or restrai of top chord bearing and first	1-0-0 1-0-0 1. [5:0-1-8,Edge], [11:0-1-8,Edge], [1 0 CSI. 0 TC 0.26 0 BC 0.39 S WB 0.36 4 Matrix-SH 3), 1=425/0-3-8 (min. 0-1-8), 15=80 0), 15=807(LC 1) 250 (lb) or less except when showr 542/0, 2-3=-540/0, 3-4=-1217/0, 4-5 83 0=0/1382, 17-18=0/1382, 16-17=0/6 59/0, 3-20=0/276, 4-20=-281/0, 8-16 ed for this design. iss to bearing plate capable of withs at 10-0-0 oc and fastened to each	DEFL. in Vert(LL) -0.07 Vert(CT) -0.09 Horz(CT) -0.01 BRACING- TOP CHORD BOT CHORD 07/0-4-8 (min. 0-1-8) 05=-1382/0, 5-6=-104 069, 15-16=-557/0, 1. 5=0/763, 7-16=-694/0 054000000000000000000000000000000000	5-8-12)-1-8,Edgr (loc) , 19 > 19 > 12 Structura end vertii Rigid cei 1/0, 6-7=- 4-15=-577 0, 7-17=0, at joint 12	e] /defl L/d ·999 480 ·999 360 n/a n/a Il wood sheathing direcals. ling directly applied of ·1041/0, //0, 13-14=-283/0 /450, 5-17=-462/0, 2.	PLATES MT20 Weight: 81 lb ectly applied or 6-0 r 6-0-0 oc bracing.	GRIP 244/190 FT = 20%F, 11%E 0-0 oc purlins, except
Plate Offsets (X,Y) [LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0 LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP REACTIONS. (lb/size Max Up Max Gr FORCES. (lb) - Max. 1 TOP CHORD 12-23 8-9=0 BOT CHORD 20-21 WEBS 8-15= 8-14= NOTES- (6) 1) Unbalanced floor liv 2) Provide mechanical 3) Recommend 2x6 stl be attached to walls 4) Gap between inside 5) CAUTION, Do not e	5-0-8 1:0-3-0,Edge], [4:0-1-8,Edge SPACING- 1-4- Plate Grip DOL 1.C Rep Stress Incr YE Code IRC2021/TPI201 No.1(flat) No.1(flat) No.3(flat)) 12=-119/0-4-0 (min. 0-1-4- blift12=-182(LC 3) av 12=30(LC 4), 1=425(LC 1 Comp./Max. Ten All forces =-9/252, 11-23=-9/252, 1-2=- /283, 9-10=0/283, 10-11=0/2 =0/997, 19-20=0/1382, 18-15 869/0, 1-21=0/635, 3-21=-5: D/496, 11-13=-421/0 e loads have been considered connection (by others) of tru- rongbacks, on edge, spaced at their outer ends or restrai of top chord bearing and first	1-0-0 1-0-0 1. [5:0-1-8,Edge], [11:0-1-8,Edge], [1 0 CSI. 0 TC 0.26 0 BC 0.39 S WB 0.36 4 Matrix-SH 3), 1=425/0-3-8 (min. 0-1-8), 15=80 0), 15=807(LC 1) 250 (lb) or less except when showr -542/0, 2-3=-540/0, 3-4=-1217/0, 4-5 33 -0/1382, 17-18=0/1382, 16-17=0/6 59/0, 3-20=0/276, 4-20=-281/0, 8-16 ed for this design. iss to bearing plate capable of withs at 10-0-0 oc and fastened to each ned by other means. st diagonal or vertical web shall not of	DEFL. in Vert(LL) -0.07 Vert(CT) -0.09 Horz(CT) -0.01 BRACING- TOP CHORD BOT CHORD 07/0-4-8 (min. 0-1-8) 05=-1382/0, 5-6=-104 069, 15-16=-557/0, 1. 5=0/763, 7-16=-694/0 standing 182 lb uplift truss with 3-10d (0.1	5-8-12)-1-8,Edgr (loc) , 19 > 19 > 12 Structura end vertii Rigid cei 1/0, 6-7=- 4-15=-577 0, 7-17=0, at joint 12	e] /defl L/d ·999 480 ·999 360 n/a n/a Il wood sheathing direcals. ling directly applied of ·1041/0, //0, 13-14=-283/0 /450, 5-17=-462/0, 2.	PLATES MT20 Weight: 81 lb ectly applied or 6-0 r 6-0-0 oc bracing.	GRIP 244/190 FT = 20%F, 11%E 0-0 oc purlins, except
Plate Offsets (X,Y) [LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0 LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP REACTIONS. (lb/size Max Up Max Gr FORCES. (lb) - Max. 1 TOP CHORD 12-23 8-9=0 BOT CHORD 20-21 WEBS 8-15= 8-14= NOTES- (6) 1) Unbalanced floor liv 2) Provide mechanical 3) Recommend 2x6 stl be attached to walls 4) Gap between inside 5) CAUTION, Do not e	5-0-8 1:0-3-0,Edge], [4:0-1-8,Edge SPACING- 1-4. Plate Grip DOL 1.0 Lumber DOL 1.0 Rep Stress Incr YE Code IRC2021/TPI201 No.1(flat) No.1(flat) No.3(flat)) 12=-119/0-4-0 (min. 0-1-4) Ifft12=-182(LC 3) av 12=30(LC 4), 1=425(LC 1 Comp./Max. Ten All forces =-9/252, 11-23=-9/252, 1-2=- (283, 9-10=0/283, 10-11=0/2 =0/997, 19-20=0/1382, 18-19 869/0, 1-21=0/635, 3-21=-5: 0/496, 11-13=-421/0 e loads have been considerd connection (by others) of tru- rongbacks, on edge, spaced at their outer ends or restrai of top chord bearing and firs rect truss backwards. ith 2018 IRC also comply wi	1-0-0 1-0-0 1. [5:0-1-8,Edge], [11:0-1-8,Edge], [1 0 CSI. 0 TC 0.26 0 BC 0.39 S WB 0.36 4 Matrix-SH 3), 1=425/0-3-8 (min. 0-1-8), 15=80 0), 15=807(LC 1) 250 (lb) or less except when showr -542/0, 2-3=-540/0, 3-4=-1217/0, 4-5 33 -0/1382, 17-18=0/1382, 16-17=0/6 59/0, 3-20=0/276, 4-20=-281/0, 8-16 ed for this design. iss to bearing plate capable of withs at 10-0-0 oc and fastened to each ned by other means. st diagonal or vertical web shall not of	DEFL. in Vert(LL) -0.07 Vert(CT) -0.09 Horz(CT) -0.01 BRACING- TOP CHORD BOT CHORD 07/0-4-8 (min. 0-1-8) 05=-1382/0, 5-6=-104 069, 15-16=-557/0, 1. 5=0/763, 7-16=-694/0 standing 182 lb uplift truss with 3-10d (0.1	5-8-12)-1-8,Edgr (loc) , 19 > 19 > 12 Structura end vertii Rigid cei 1/0, 6-7=- 4-15=-577 0, 7-17=0, at joint 12	e] /defl L/d ·999 480 ·999 360 n/a n/a Il wood sheathing direcals. ling directly applied of ·1041/0, //0, 13-14=-283/0 /450, 5-17=-462/0, 2.	PLATES MT20 Weight: 81 lb ectly applied or 6-0 r 6-0-0 oc bracing.	GRIP 244/190 FT = 20%F, 11%E 0-0 oc purlins, except









TOP CHORD 2x4 SP No.1(flat) BOT CHORD 2x4 SP No.1(flat) 2x4 SP No.3(flat) WFBS 2x4 SP No.3(flat) OTHERS

TOP CHORD Structural wood sheathing directly applied or 3-8-0 oc purlins, except end verticals BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 3-8-0.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 8, 5, 7, 6

FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown.

NOTES-(6)

1) Gable requires continuous bottom chord bearing.

- 2) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 3) Gable studs spaced at 1-4-0 oc.

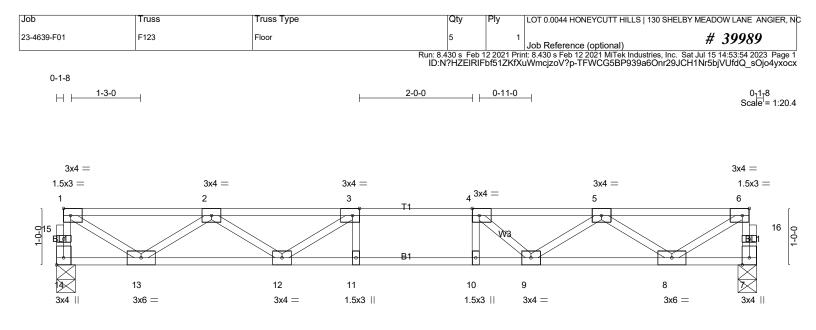
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

5) CAUTION, Do not erect truss backwards.

6) Trusses designed with 2018 IRC also comply with 2015 IRC.

LOAD CASE(S) Standard





L	5-4-8		6-4-8 7-4-8		12-5-0
	5-4-8	1	1-0-0 1-0-0		5-0-8
Plate Offsets (X,Y)	[3:0-1-8,Edge], [4:0-1-8,Edge], [6:0-1	-8,Edge], [14:Edge,0	0-1-8]		
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.31 BC 0.64 WB 0.48 Matrix-SH	Vert(LL) -0.1	n (loc) I/defl L/d 1 11-12 >999 480 5 11-12 >987 360 3 7 n/a n/a	PLATES GRIP MT20 244/190 Weight: 60 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing end verticals. Rigid ceiling directly applie	directly applied or 6-0-0 oc purlins, except

REACTIONS. (lb/size) 14=663/0-4-0 (min. 0-1-8), 7=663/0-4-0 (min. 0-1-8)

FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown.

- . .

TOP CHORD 14-15=-657/0, 1-15=-656/0, 7-16=-659/0, 6-16=-657/0, 1-2=-878/0, 2-3=-1980/0, 3-4=-2283/0, 4-5=-1994/0,

- BOT CHORD 12-13=0/1642, 11-12=0/2283, 10-11=0/2283, 9-10=0/2283, 8-9=0/1628
- WEBS 1-13=0/999, 2-13=-933/0, 2-12=0/440, 3-12=-502/0, 6-8=0/994, 5-8=-921/0, 5-9=0/488, 4-9=-525/0

NOTES- (3)

1) Unbalanced floor live loads have been considered for this design.

2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to

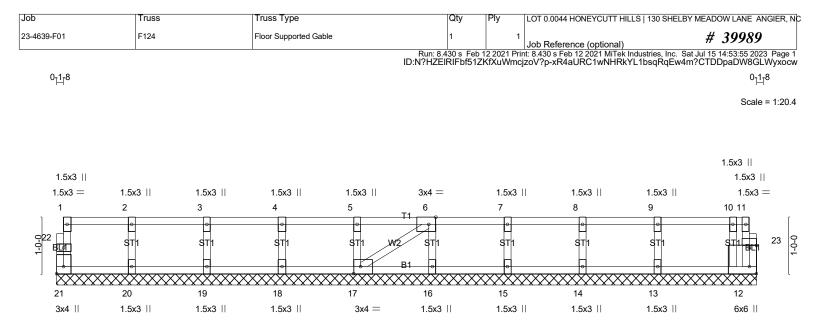
be attached to walls at their outer ends or restrained by other means. 3) Trusses designed with 2018 IRC also comply with 2015 IRC.

, 0

LOAD CASE(S) Standard



^{5-6=-874/0}



12-5-0 12-5-0 Plate Offsets (X,Y) [6:0-1-8,Edge], [12:Edge,0-1-8], [17:0-1-8,Edge], [21:Edge,0-1-8], [23:0-1-8,0-0-8]						
Tale Offices (A, 17" (0.0"10, Luge), [12.Luge,0"10, [11.0"10,Luge), [21.Luge,0"10, [20.0"10,00"0]						
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. ii Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	a - n/a 999	MT20 244/190	
LUMBER- TOP CHORD 2x4 SP No.1(flat) BOT CHORD 2x4 SP No.1(flat) WEBS 2x4 SP No.3(flat) OTHERS 2x4 SP No.3(flat)			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc bracing.		

REACTIONS. All bearings 12-5-0.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 21, 12, 20, 19, 18, 17, 16, 15, 14, 13

FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown.

NOTES- (5)

1) Gable requires continuous bottom chord bearing.

- 2) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 3) Gable studs spaced at 1-4-0 oc.
- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- 5) Trusses designed with 2018 IRC also comply with 2015 IRC.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply LOT 0.0044	HONEYCUTT HILLS 130 SHELBY M	IEADOW LANE ANGIER, NC
23-4639-F01	F126	GABLE	2	1 Job Refere	nce (optional)	# 39989
			Run: 8.430 s Feb 12 ID:N?HZEIRI	2021 Print: 8.430 s Fet	?p-PdeyhnDfhhPILhwD9ZLgMS	ul 15 14:53:56 2023 Page 1 SFYPYpyg3jSAtqtyyxocv
0- <mark>1</mark> -8						0 <u>-3-</u> 0
						Scale = 1:23.3
1.5x3						1.5x3
1.5x3 = 1.5x	3 1.5x3 1	.5x3 1.5x3 1.5	x3 3x4 =	1.5x3	1.5x3 1.5x3	1.5x3
1 2	3	4 5 6		8	9 10	11 12
•	•	<u> </u>		•	•	
	1 ST1	sT1 sT1 sT	T1 W2 ST1	ST1	ST1 ST1	ST1 W1 26
			B1			
24 23	22	21 20 19) 18	17	16 15	
3x4 1.5x	3 1.5x3 1	.5x3 1.5x3 3	3x4 = 1.5x3	1.5x3	1.5x3 1.5x3	1.5x3 5x5

14-3-8 14-3-8 Plate Offsets (X,Y) [7:0-1-8,Edge], [13:0-1-8,Edge], [19:0-1-8,Edge], [24:Edge,0-1-8]							
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. ii Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	a - a -	l/defl L/d n/a 999 n/a 999 n/a n/a	PLATES MT20 Weight: 59 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP No.1(flat) BOT CHORD 2x4 SP No.1(flat) WEBS 2x4 SP No.3(flat) OTHERS 2x4 SP No.3(flat)			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc bracing.			

REACTIONS. All bearings 14-3-8.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 24, 13, 23, 22, 21, 20, 19, 18, 17, 16, 15, 14

FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown.

NOTES-(5)

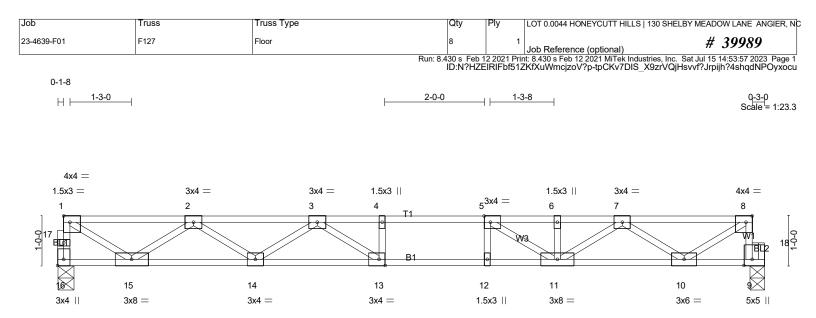
Gable requires continuous bottom chord bearing.
 Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

3) Gable studs spaced at 1-4-0 oc.

- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- 5) Trusses designed with 2018 IRC also comply with 2015 IRC.

LOAD CASE(S) Standard





1	6-7-8		7-7-8 8-7-8	1	14-3-8
r	6-7-8		1-0-0 1-0-0	1	5-8-0
Plate Offsets (X,Y)	[1:Edge,0-1-8], [5:0-1-8,Edge], [8:0-1	-8,Edge], [9:0-1-8,Edge]	, [13:0-1-8,Edge], [16:E	Edge,0-1-8]	
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.47 BC 0.73 WB 0.56 Matrix-SH	Vert(LL) -0.18	n (loc) l/defl L/d 3 13-14 >926 480 5 13-14 >671 360 4 9 n/a n/a	PLATES GRIP MT20 244/190 Weight: 69 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF		-	BRACING- TOP CHORD BOT CHORD	Structural wood sheathing of end verticals. Rigid ceiling directly applied	directly applied or 6-0-0 oc purlins, except

REACTIONS. (Ib/size) 16=763/0-4-0 (min. 0-1-8), 9=756/0-3-8 (min. 0-1-8)

FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown.

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TOP CHORD 16-17=-756/0, 1-17=-754/0, 9-18=-750/0, 8-18=-753/0, 1-2=-1030/0, 2-3=-2428/0, 3-4=-3002/0, 4-5=-3002/0, 5-6=-2480/0, 6-7=-2480/0, 7-8=-1073/0

BOT CHORD 14-15=0/1938, 13-14=0/2860, 12-13=0/3002, 11-12=0/3002, 10-11=0/1957

WEBS 1-15=0/1173, 2-15=-1108/0, 2-14=0/598, 3-14=-528/0, 3-13=-93/483, 8-10=0/1161, 7-10=-1079/0, 7-11=0/629, 5-11=-819/0

NOTES- (3)

1) Unbalanced floor live loads have been considered for this design.

2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to

be attached to walls at their outer ends or restrained by other means.

3) Trusses designed with 2018 IRC also comply with 2015 IRC.

LOAD CASE(S) Standard



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